



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 30, 2015

Jennifer DeCarlo  
Cheminova, Inc.  
1600 Wilson Blvd., Suite 700  
Arlington, VA 22209

Subject: Notification per PRN 98-10 – Minor Label Revisions  
Product Name: Gamma-cyhalothrin Technical  
EPA Registration Number: 4787-63  
Application Date: March 27, 2015  
Decision Number: 502975

Dear Ms. DeCarlo:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Maggie Rudick at (703) 347-0257 or via email at [rudick.maggie@epa.gov](mailto:rudick.maggie@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Maggie Rudick" with "for" written below it.

Kable Bo Davis, Product Manager 3  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

# Gamma-Cyhalothrin Technical Insecticide

## For Manufacturing Use Only

### Active Ingredient:

Gamma-cyhalothrin: (R)-cyano(3-phenoxyphenyl)  
methyl (1R,3R)-3-[(1Z)-2-chloro-3,3,3-  
trifluoroprop-1-enyl]-2,2-

dimethylcyclopropanecarboxylate ..... 98.8%  
Inert Ingredients ..... 1.2%  
Total Ingredients..... 100.0%

## NOTIFICATION

4787-63

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/30/2015

**DANGER**



**POISON**

[Editors note: the word POISON must appear in red]

## PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label find someone to explain it to you in detail)

### FIRST AID

- IF INHALED:** Move person to fresh air.  
If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
- IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
Call a poison control center or doctor for treatment advice.
- IF ON SKIN OR CLOTHING:** Take off contaminated clothing.  
Rinse skin immediately with plenty of water for 15-20 minutes.  
Call a poison control center or doctor for treatment advice.
- IF SWALLOWED:** Call poison control center or doctor immediately for treatment advice.  
Have person sip a glass of water if able to swallow.  
Do not induce vomiting unless told to do so by the poison control center or doctor.  
Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Very toxic if inhaled by mist. If breathing has stopped, start artificial respiration immediately and maintain until physician takes charge of the exposed person. Eye contact causes severe irritation and/or physical distress. For eye contamination, instillation of a local anesthetic can be considered. Skin exposure may result in tingling, itching, burning, or prickly sensation with immediate onset or up to 4 hours after exposure and last 2 to 30 hours. Wash exposed areas once with soap and water. Relief may be obtained by application of an oil-based cream.

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact call 1-866-303-6950 for emergency medical treatment information.

---

## Precautionary Statements

---

### Hazards to Humans and Domestic Animals

**DANGER/POISON:** Fatal If Inhaled • Corrosive • Causes Irreversible Eye Damage • May Be Fatal If Swallowed Or Absorbed Through The Skin • Causes Skin Irritation • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals •

Do not breathe mist or vapors. Do not get in eyes, on skin or clothing.

### Personal Protective Equipment (PPE)

For activities involving potential exposure, the following personal protective equipment must be worn:

- Chemical goggles
- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- A non-powered air purifying respirator equipped with an N-, R-, or P-series filter
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron for cleaning equipment

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

- Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### Environmental Hazards

This pesticide is extremely toxic to fish and other aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For further guidance, contact your state water board or regional office of the EPA.

---

## Directions for Use

---

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Formulators using this product are responsible for obtaining EPA registration of these products.

### Only for formulation into an insecticide for the following uses:

- (1) **Terrestrial and Aquatic Food:** alfalfa; brassica (head and stem); canola; cole crops; corn (field, pop, seed and sweet); cotton; cucurbits; fruiting vegetable group (except cucurbits); grass forage, fodder and hay; garlic; legume vegetable group; lettuce (head and leaf); onion (dry bulb); peanuts; pome fruits group; rice and wild rice; seed vegetables; small grains; sorghum (grain); soybean;

stone fruit group; sugarcane; sunflower; tree nut group including pecans; triticale and wheat; tuberous & corm vegetables (potato, sweet potato, yams & related).

**Terrestrial Nonfood:** Non-cropland (excluding public land); tobacco (burley and flue-cured).

**Forestry:** Conifer and deciduous trees (plantations, nurseries and seed orchards).

**Domestic indoor and outdoor**

**Non-domestic Indoor and outdoor**

**Non-food greenhouse and nurseries**

- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (3) Uses for experimental purposes that are in compliance with USEPA requirements.

### **Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Keep container closed when not in use. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

### **WARRANTY DISCLAIMER**

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Cheminova or the Seller. All

such risks shall be assumed by Buyer and User. Buyer and User agree to hold Cheminova and the Seller harmless for any claims related to such factors.

#### **LIMITATION OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova's election:

(1) Refund of purchase price paid by buyer or user for product bought, or

(2) Replacement of amount of product used.

To the extent consistent with applicable law, Cheminova shall not be liable for consequential, incidental, or special damages or losses in any matter.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

In case of emergency endangering health or the environment involving this product, call 1-866-303-6950.

Manufacturing Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 4787-63

EPA Est. \_\_\_\_\_

Produced by:  
Cheminova A/S  
P.O. Box 9  
DK-7620 Lemvig

**Net Contents** \_\_\_\_